



## TRAINING SEMINAR ON HIGH-PERFORMANCE ENERGY EFFICIENCY STANDARDS IN BUILDINGS IN THE UNECE REGION

*St. Petersburg, 5-7 September 2018*  
Interstate Corporation for Development premises  
70 Angliyskaya Naberezhnaya

### **5 September 2018**

- 9:00 – 9:20 **Opening of the seminar. Welcome and introductions.**  
**Mr. Nikolay Lukichev**, Counselor, Representation of the Ministry of Foreign Affairs of the Russian Federation in St. Petersburg  
**Mr. Alexandre Gorelik**, Manager, Black Sea Project Promotion Facility  
**Mr. Oleg Dzioubinski**, Economic Affairs Officer, Sustainable Energy Division, UNECE
- 9:20 – 11:00 **Training course, part I**  
Training facilitator: **Mr. Vitaly Bekker**, UNECE Consultant  
*Topic 1. High-performance energy efficiency standards in buildings in UNECE Region. Existing legislation and responsible governmental agencies. Examples from UNECE countries.*
- 11:00 – 11:30 **Coffee Break**
- 11:30 – 13:00 *Topic 2. Main barriers in implementation of high-performance standards for various building types, with a focus on multi-apartment residential buildings. Adjustment of construction and energy management standards to the regional (provincial, local) conditions.*
- 13:00 – 14:00 **Lunch Break (lunch not paid by the organizers)**
- 14:00 – 15:30 *Topic 3. Energy efficiency standards in new construction. Private and municipal multi-apartment residential buildings and public buildings. Practical experience of UNECE countries.*
- 15:30 – 16:00 **Coffee Break**
- 16:00 – 17:30 *Topic 4. Retrofits of existing building stock and application of high-performance energy efficiency standards, including multi-apartment residential buildings. Practical experience of UNECE countries.*

### **6 September 2018**

- 9:00 – 11:00 **Training course, part II**  
Training facilitator: **Mr. Vitaly Bekker**, UNECE Consultant  
*Topic 5. The role of legal framework and standards in attracting energy efficiency investments for new construction and retrofits in UNECE countries.*
- 11:00 – 11:30 **Coffee Break**

- 11:30 – 13:00 *Topic 6. Brief overview of issues related to financing of buildings (both construction of new ones and retrofitting existing ones) with application of high-performance energy efficiency standards. Specific issues related to financing for multi-apartment buildings. Presentation of a project with application of high-performance energy efficiency standards for public and/or private financing.*
- 13:00 – 14:00 **Lunch Break (lunch not paid by the organizers)**
- 14:00 – 15:00 **Perspectives from other organizations on the High-performance energy efficiency standards in buildings**  
 Speaker: **Ms. Elena Reyes**, Passive House Institute  
*Passive House Standard and its practical applications.*
- 15:00 – 15:30 Speaker: **Dr. Burkhard Schulze Darup**, Architect, Co-chair, Joint Task Force on Energy Efficiency Standards in Buildings  
*Practical examples of highly efficient buildings. Ideas for further steps of the training programme.*
- 15:30 – 16:00 **Coffee Break**
- 16:00 – 16:30 Speaker: **Mr. Alexandr Fadeev**, Specialist, Communal Infrastructure Division, Department of Housing and Utilities, Ministry of Construction and Housing of Russian Federation  
*Energy efficiency requirements in buildings in Russian Federation - existing legislation for new buildings and retrofits of existing building stock. Main barriers in implementation of energy efficiency requirements. Classes of energy efficiency for multifamily apartments.*
- 17:00 – 17:30 Speaker: **Ms. Ksenia Petrichenko**, Senior Advisor, Copenhagen Centre on Energy Efficiency  
*Energy efficiency projects at speed and scale.*

## **7 September 2018**

- 9:00 – 09:30 Speaker: **Mr. Oleg Dzioubinski**, Economic Affairs Officer, Sustainable Energy Division, UNECE  
*Framework Guidelines on Energy Efficiency Standards in Buildings*
- 09:30 – 11:00 **Training course, part III**  
 Training facilitator: **Mr. Vitaly Bekker**, UNECE Consultant  
*Topic 7. Practical tasks for participants. Improvement of skills in selecting appropriate high-performance energy efficiency solutions for specific conditions.*
- 11:00 – 11:30 **Coffee Break**
- 11:30 – 12:00 Closing session.